

## Product datasheet for RN214859

### Prl6a1 (NM\_022176) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prl6a1 (NM_022176) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prl6a1
Synonyms:	Ghd13; Plpb; Prlpb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214859 representing NM_022176 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGTGAAGAGCTGGTTGAGAATGTCAAAGAAAATGGAAGCAGGGACACTCCTGATGCTGTTGATGTCAA  
ACATCCTTCTGTGGGAGAATGTGGCCTCTGTGCCAGGCATGCCAGTGGGGCTGGGCGTGGTGAGATGTC  
TCTACATGGCCTGCTTGATCATGCCATCATTCTAGCTCATAATGTCAGTCTCATTGCAGAAATGAAC  
AGTGTATTTCTGGAGGATGTGCTATATAAACCAGGCAGGTGGTCCCTGAAAGAGACCTTACTGCCTGCC  
ACCGATCACCATTACTATTGCAGTGTCTAAAGAAGGAACCAACAGAGGCTGGGTGATTCTCTGGTGAA  
AGAGATGATTGGTATGTTGGAACTTGGACATTCTCTATATCATATAGCAAATGAAATGAGTCATATG  
GAGGAACCCCTGATGAGATTATCAAGAGCCAAAAACATTGAAGAAAAATCAAAGAACTTATGGATG  
TTCTTAAAGGTATACTCAACAAGATTCAACCTGGATCCCCAGAAAATGAGAGATTCCTATGTGGAATGA  
ACTGGCATACTTGCAGTACCTGATGAAGAAGTCCGCAATTTGCTTTTACAAACTTATCCAGTCTTG  
CTCCAGGATTCACGAAATTTGACTCAAAGTCAGACTACTGAAGTGTAGACTTATCTATAATAGAGATT  
GCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_022176
Insert Size:	705 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_022176.2</a></u> , <u><a href="#">NP_071512.2</a></u>
<b>RefSeq Size:</b>	1159 bp
<b>RefSeq ORF:</b>	705 bp
<b>Locus ID:</b>	24657
<b>Cytogenetics:</b>	17p11
<b>Gene Summary:</b>	prolactin like protein expressed in placenta from day 14 until pregnancy term [RGD, Feb 2006]